

Water Year 2009

CVPIA §3406(b)(2)

Operations and Accounting



Calfed Operations Group
February 24, 2010

Implementation

- **May 2003 DOI (b)(2) Decision, as clarified by December 2003 Interior Guidance Memo.**
- **The Ninth Circuit's January 2004 decision, and Judge Wanger's September 2008 decision.**
- **Continued use of (b)(1) re-operation.**

Implementation

- **WY 2009 was classified as dry in the Sacramento and below normal in the San Joaquin basins. (b)(2) assets were limited to 600,000 AF**
- **In 2009 CVP operations were impacted by the Service BO- Delta Smelt (Dec. 2008)**
- **In 2009 CVP operations were impacted by the NMFS BO- Salmonids and Sturgeon (June 2009)**

CVPIA Section 3406 (b)(2) water

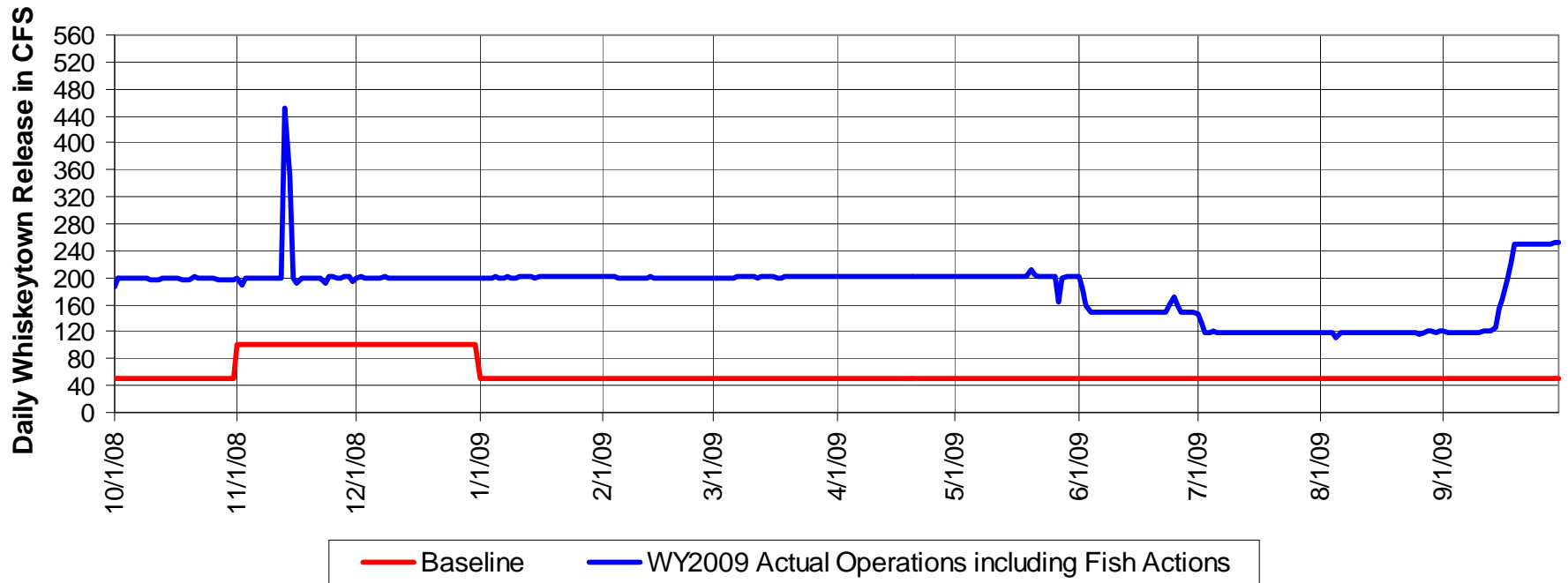
Technical background:

- **(b)(2) fish actions are based on forecasted operations, real-time monitoring, AFRP documents, published literature, IEP and DFG reports.**
- **CVPIA's mandate to double natural production of anadromous fish.**
- **CVPIA's instructions to "...provide flows of suitable quality, quantity, and timing to protect all life stages of anadromous fish..."**

CVP Operations

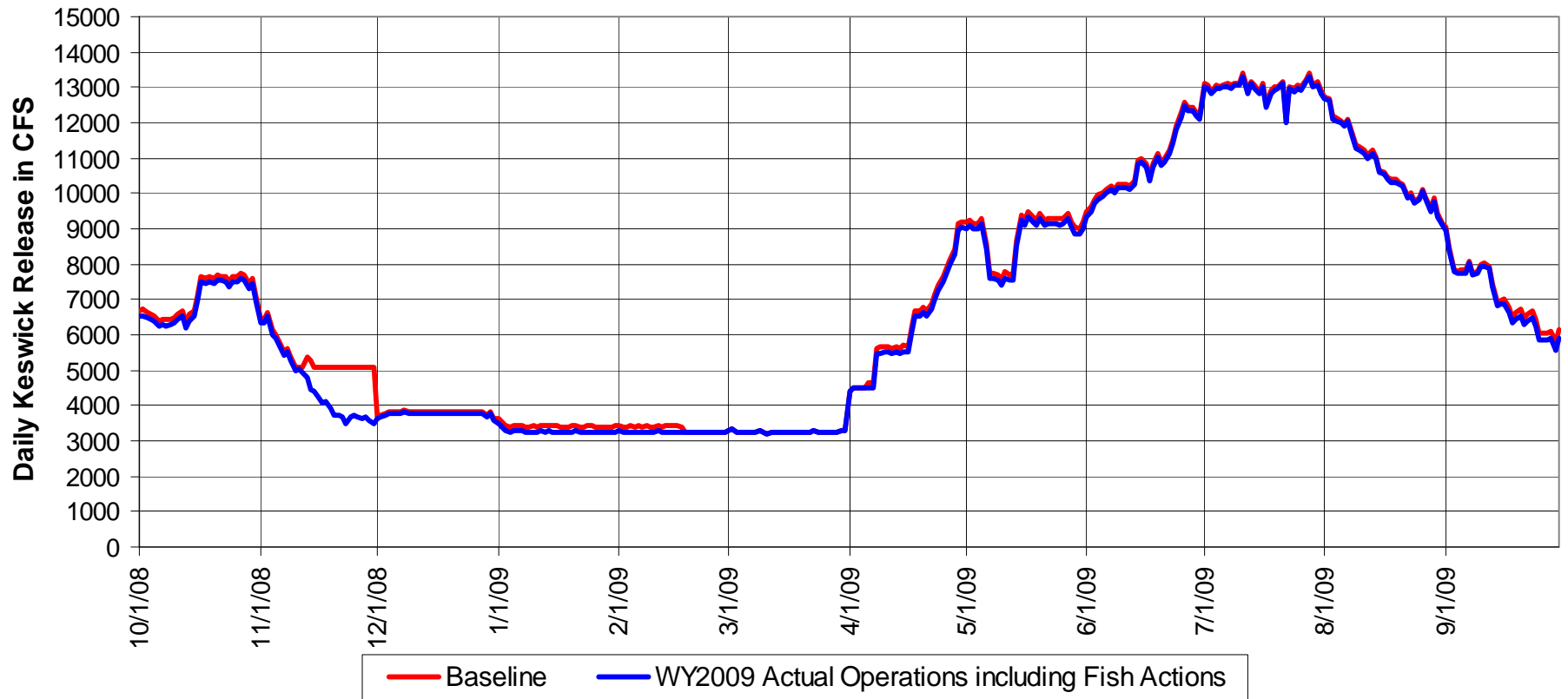
Clear Creek Operations

Data from DOI Daily Accounting



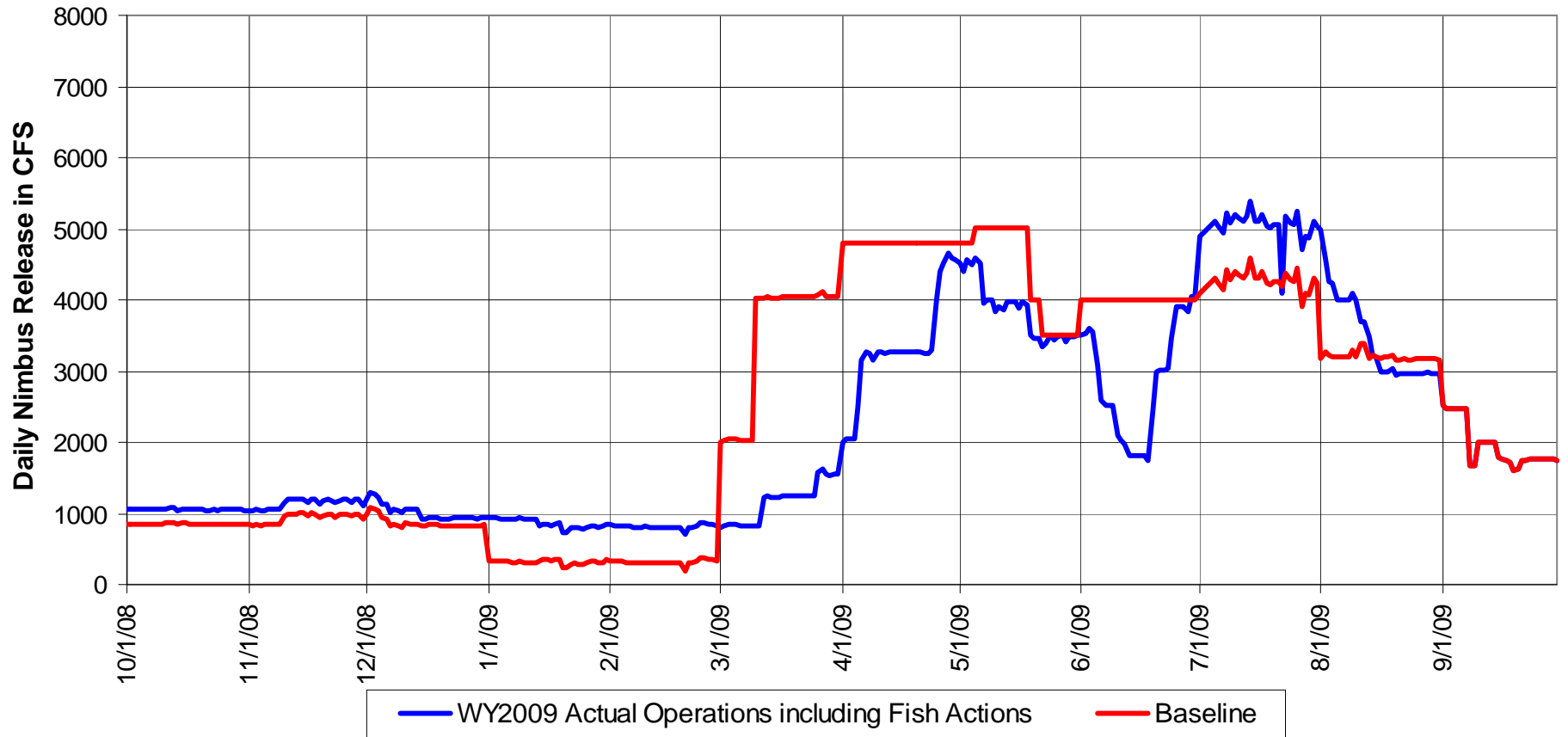
Sacramento River Operations

Data from DOI Daily Accounting



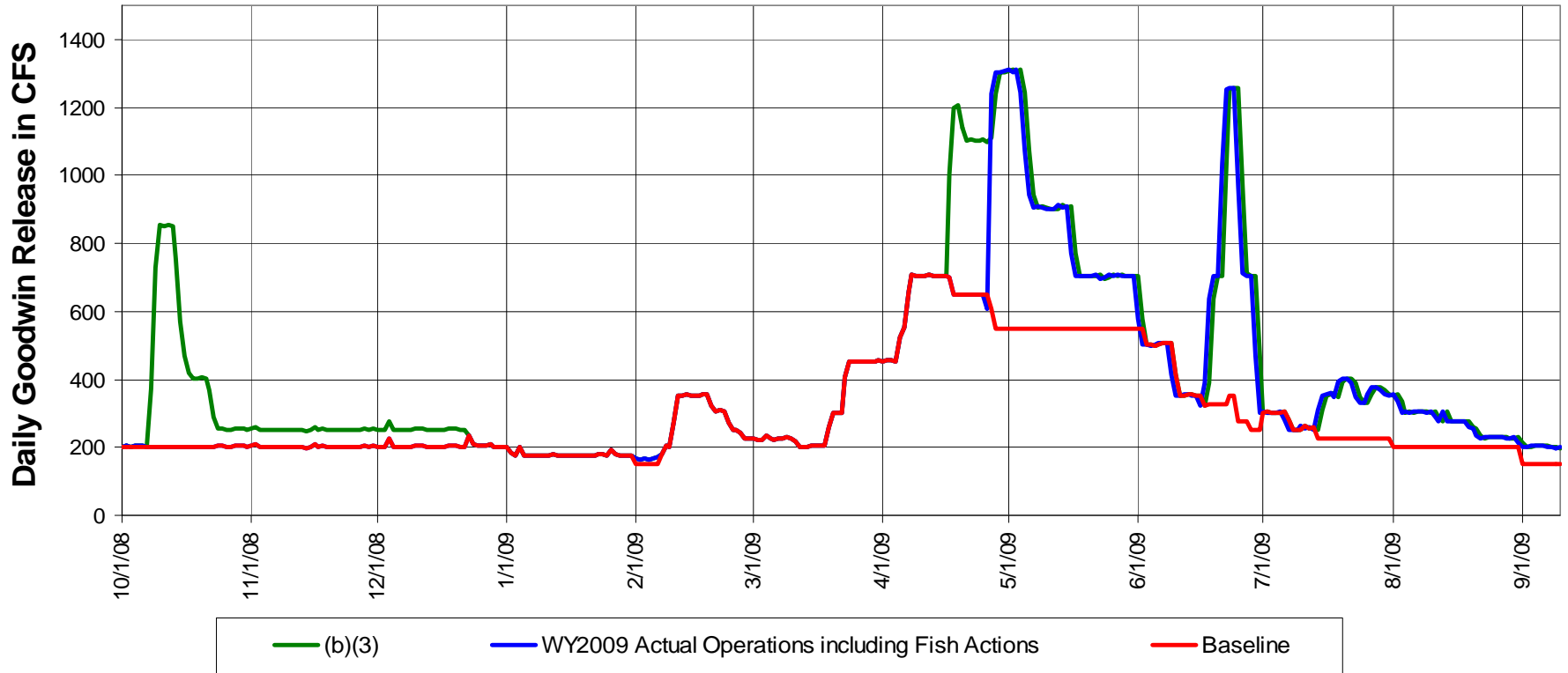
American River Operations

Data from DOI Daily Accounting



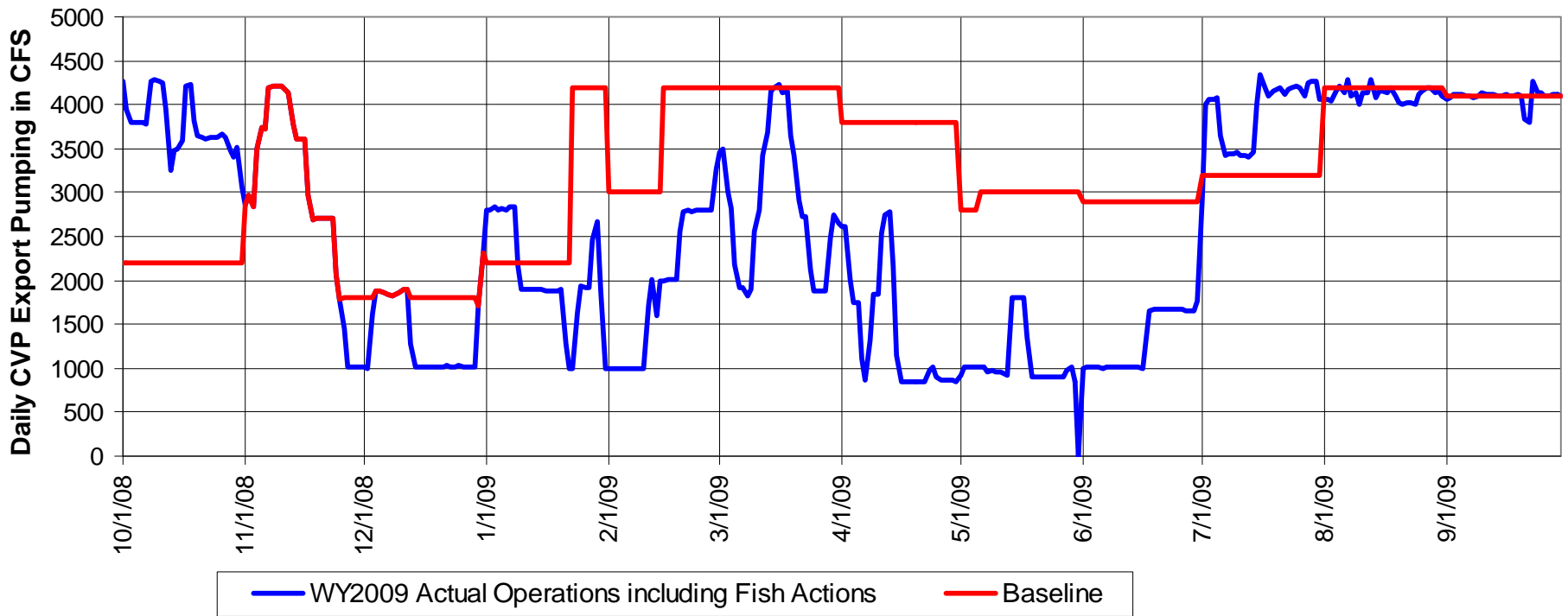
Stanislaus River Operations

Data from DOI Daily Accounting



CVP Delta Export Operations

Data from DOI Daily Accounting



(b)(2) Accounting

Water Year 2009 Final CVP Accounting of (b)(2) Actions in TAF

	Fish Actions																
						Oct-Jan											Oct-Sep
		Oct	Nov	Dec	Jan	Total	Feb	Mar	Apr01-16	Apr17-30	May01-17	May18-31	Jun	Jul	Aug	Sep	Total
1	Clear Creek Release towards AFRP Objectives			3.4		3.4	3.2	9.3	1.5		5.1	3.9					26.4
2	Stanislaus River Release towards AFRP Objectives	0.1				0.1	0.2					4.3					4.6
3	American River Release towards AFRP Objectives	12.4	4.7	8.9	33.3	59.3	27.8										87.1
4	Sacramento River Release towards AFRP Objectives					0.0											0.0
5	Stanislaus River Release for VAMP period (Apr17-May17)					0.0				4.4	16.0						20.4
6	American River Release for WQCP					0.0											0.0
7	Sacramento River Release for WQCP					0.0											0.0
8	Stanislaus River release for WQCP					0.0											0.0
9	Export Reduction for VAMP period (Apr17-May17)					0.0				81.2	59.5						140.7
10	Export Reduction for ESA					0.0	1.8	82.3				59.0	94.6				237.7
11	Export Reduction for WQCP WQ stds due to DXC closures		3.4	15.2		18.6											18.6
12	Stanislaus River Release for ESA					0.0								4.7	4.6	3.2	12.5
13	Other Export Reductions for WQCP				52.0	52.0											52.0
	Total					133.4											600.0
	Monthly total of WY09 fish actions:	12.5	8.1	27.5	85.3	133.4	33.0	91.6	1.5	85.6	80.6	67.2	94.6	4.7	4.6	3.2	600.0
	cumulative total	12.5	20.6	48.1	133.4		166.4	258.0	259.5	345.1	425.7	492.9	587.5	592.2	596.8	600.0	

**Water Year 2009 Final CVP Accounting of WQCP Actions in TAF
That Do Not Predominantly Contribute to CVPIA §3406(b)(2) Primary Purpose**

[illegible]

- Questions?